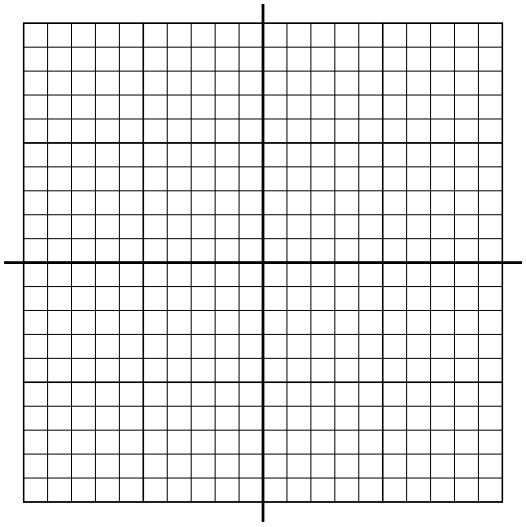
Name: Date:

PCW_09_29: Graph Parent Translations (version 8)

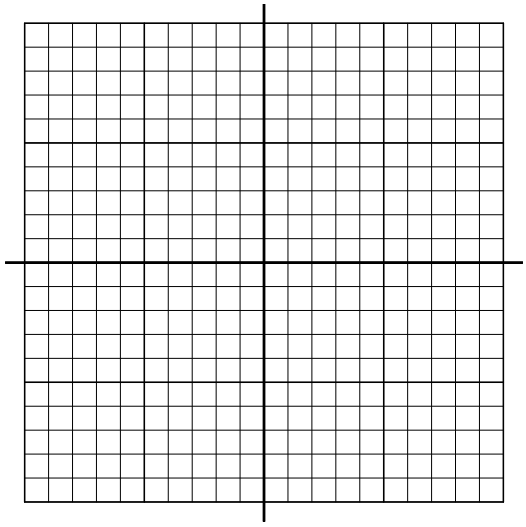
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10.

Clearly mark every solution where x and y are both integers with a small dot along the curve.

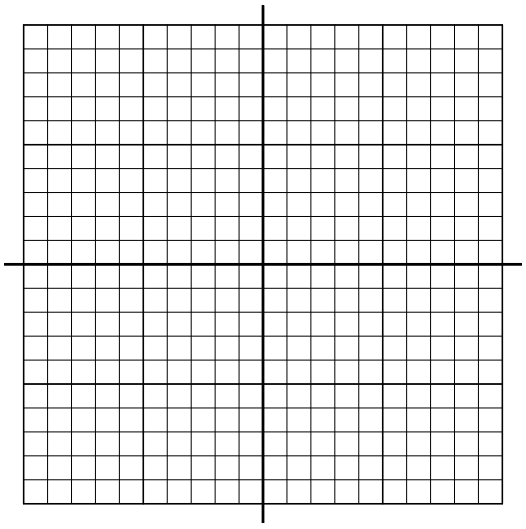
$y = \log_2(x+1) - 5$



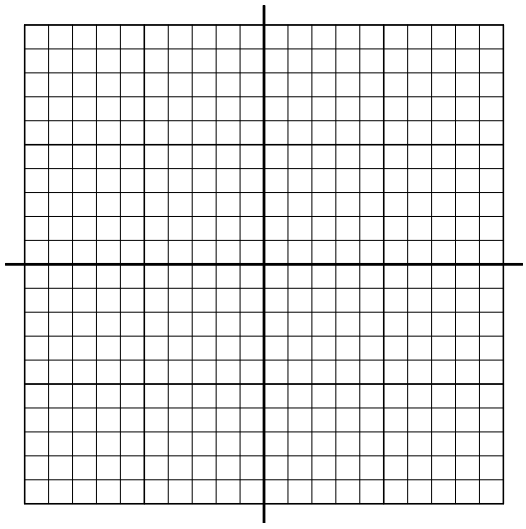
$y = \frac{1}{x+3} + 2$



$y = (x+3)^2 + 4$

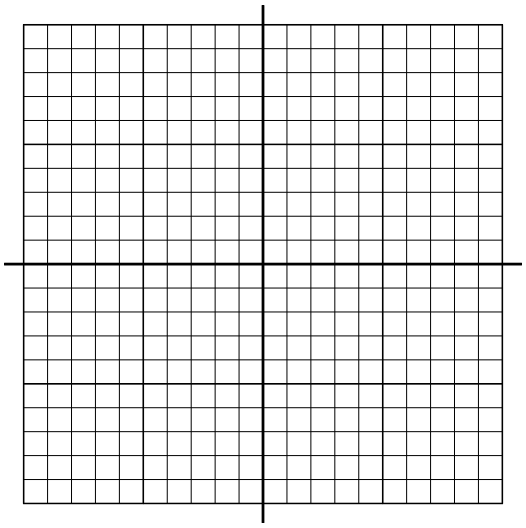


$y = 2^{x+1} + 5$

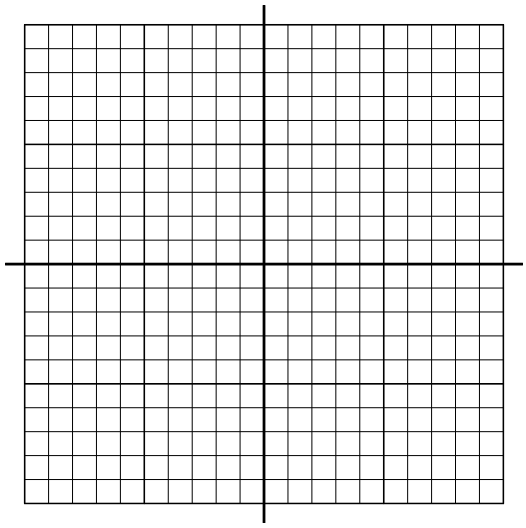


PCW_09_29: Graph Parent Translations (version 8)

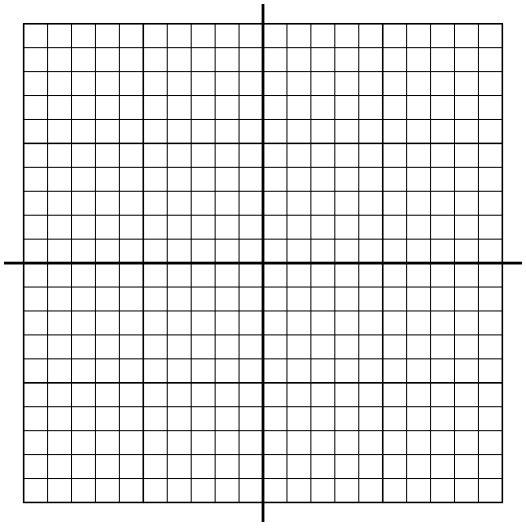
$y = (x+3)^3 - 5$



$y = \sqrt[3]{x+2} - 1$



$y = |x+2| - 1$



$y = \sqrt{x+2} - 4$